

Title (en)

TRISOUP SYNTAX SIGNALING FOR GEOMETRY-BASED POINT CLOUD COMPRESSION

Title (de)

TRISOUP-SYNTAXSIGNALISIERUNG ZUR GEOMETRIEBASIERTEN PUNKTWOLKENKOMPRESSION

Title (fr)

SIGNALISATION DE SYNTAXE À BASE DE COLLECTION DE POLYGONES POUR COMPRESSION DE NUAGE DE POINTS BASÉE SUR LA GÉOMÉTRIE

Publication

EP 4133728 A1 20230215 (EN)

Application

EP 21723476 A 20210408

Priority

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- US 202117224674 A 20210407
- US 2021026407 W 20210408

Abstract (en)

[origin: US2021319595A1] An example device for processing point cloud data includes a memory configured to store the point cloud data and one or more processors implemented in circuitry and coupled to the memory. The one or more processors are configured to count a number of edges of a cube of point cloud data comprising a vertex. The one or more processors are configured to set a variable based on a total of the counting. The one or more processors are also configured to process the point cloud data based on the variable.

IPC 8 full level

H04N 19/46 (2014.01); **G06T 9/00** (2006.01); **H04N 19/70** (2014.01); **H04N 19/90** (2014.01); **H04N 19/91** (2014.01)

CPC (source: EP KR US)

G06T 9/001 (2013.01 - EP KR); **G06T 9/005** (2013.01 - EP); **G06T 9/20** (2013.01 - KR US); **H04N 19/14** (2014.11 - KR); **H04N 19/46** (2014.11 - EP KR); **H04N 19/597** (2014.11 - KR); **H04N 19/70** (2014.11 - EP KR); **H04N 19/90** (2014.11 - EP); **H04N 19/91** (2014.11 - EP KR)

Citation (search report)

See references of WO 2021207510A1

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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US 11657543 B2 20230523; **US 2021319595 A1 20211014**; BR 112022019559 A2 20221116; CN 115299055 A 20221104; EP 4133728 A1 20230215; KR 20220164700 A 20221213; TW 202143709 A 20211116; WO 2021207510 A1 20211014

DOCDB simple family (application)

US 202117224674 A 20210407; BR 112022019559 A 20210408; CN 202180022583 A 20210408; EP 21723476 A 20210408; KR 20227032304 A 20210408; TW 110112694 A 20210408; US 2021026407 W 20210408